

12/19/2005

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Sheet 1 of 2FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO.
PR/4-33239A
APPLICATION NO.
Not Yet Known
APPLICANT
COLLINGWOOD ET AL.
FILING DATE
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Group

IAP9 Rec'd PCT/PTO 19 DEC 2005

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

/CC/		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	NO
	AM	0 073 645	3/9/83	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AN	1 302 458	4/16/03	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AO	92/06958	4/30/92	WO			<input type="checkbox"/>	<input type="checkbox"/>
/CC/	AP	03/087094	10/23/03	WO			<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

/CC/	AR	Kutsuma, et al., "1-(1,3-Dioxoan-4-ylmethyl)piperdinol Derivatives", Chemical Abstracts, Database Accession No. 1978:6859 and JP 52 083763, July 12, 1977.
/CC/	AS	Kutsuma et al., "Stereoisomers of 4-acyloxy-1-alkyl-1-(1,3-dioxolan-4-ylmethyl)piperidinium Salt Derivatives", Chemical Abstracts, Database Accession No. 1979:405219 and JP 54 027570, March 1, 1979.
/CC/	AT	"4-Acyloxy-1-(1,3-dioxolan-2-ylmethyl)piperidine Derivatives", Chemical Abstracts, Database Accession No. 1981:603921 and JP 56 079688, June 30, 1981.

EXAMINER /Celia Chang/ DATE CONSIDERED 02/11/2009

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

/CC/	BA	".alpha.-Cyclic Aminophenylacetic Acid Esters and Their Quaternary Ammonium Salts", Chemical Abstracts, Database Accession No. 1984:120902 and JP 58 208270, December 3, 1983.
	BB	Yoshida et al., "Structure-Activity Relationship of 3- and 4-acyloxy-1-(1,3-dioxolan-4-ylmethyl)piperidine Derivatives", Chemical and Pharmaceutical Bulletin, Vol. 33, No. 2, pp. 818-822 (1985).
	BC	Sugai et al., "Studies on Spasmolytics. II. Synthesis and Anticholinergic Activities of 4-acyloxy-1-alkyl-1-(1,3-dioxolan-4-ylmethyl)piperidinium Compounds", Chemical and Pharmaceutical Bulletin, Vol. 32, No. 3, pp. 977-985 (1984).
	BD	Sugai et al., "Studies on Spasmolytics. III. Synthesis and Anticholinergic Activity of 4-(acyloxy)-1-(1,3-dioxolan-2-ylmethyl)piperidines and Their Quaternary Salts", Chemical and Pharmaceutical Bulletin, Vol. 32, No. 3, pp. 1126-1134 (1984).
	BE	Kajiwara et al., "Studies on Spasmolytics. VI. Pharmacological Studies of Stereoisomeric 1,4-trans- and...", Chemical Abstracts, Database Accession No. 1986:14939 and Yakugaku Zasshi, Vol. 105, No. 10, pp. 983-989 (1985).
/CC/	BF	Waelbroeck et al., "Binding Properties of Nine 4-diphenyl-acetoxy-N-methylpiperidine (4-DAMP) Analogs to M1, M2, M3 and Putative M4 Muscarinic Receptor Subtypes", British Journal of Pharmacology, Vol. 105, No. 1, pp. 97-102 (1992).
	BG	
	BH	
	BI	
	BJ	
	BK	
	BL	
	BM	
	BN	

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